

A<sub>2</sub>  
10. A method as described in Claim 7 wherein the determination of cellular performance includes the parameters as listed in Table 1.

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17. An apparatus for housing cells comprising:

A<sub>3</sub>  
a container having a plate with a plurality of wells in which cells reside; and

means for introducing to and removing fluids from each well, the introducing means includes a syringe to introduce liquids into and out of a well, vials which hold desired liquids, and a valve to direct fluids to the vials and to paths to the cells in the wells.

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20. An apparatus as described in Claim 19 wherein the controller causes the needle to stain a cell in a well when the cell experiences a predetermined biological event.

A<sub>4</sub>  
21. An apparatus as described in Claim 20 wherein the predetermined biological event includes any of the parameters listed in Table 1.

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